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COUNTRY Germany (Soviet Zone)

REPORT NO.

25X1

TOPIC Analysis of the Espenain Crude Phenol

~~(S10)~~
~~15~~25X1
EVALUATION

PLACE OBTAINED

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DATE OF CONTENT 3 September 1950

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DATE OBTAINED DATE PREPARED 7 December 1950

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REFERENCES

PAGES 1 ENCLOSURES (NO. & TYPE)

REMARKS

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1. According to an analysis made on 3 September 1950 of the crude phenol from Espenain, this crude phenol has a specific gravity of 1.065 at a water temperature of 4 degrees centigrade and at a phenol temperature of 20 degrees centigrade. This crude phenol is composed of the following elements:

	Norm	Converted into/dry crude phenol (umgerechnet auf)
Neutral oil	0.4	0.34
Annealing residues	2.4	2.02
NaOH	0.3	0.25
Phenol	28.9	24.3
Na CO ₂ 3	2.4	2.02
Cresol	33.1	27.8
Xylenol	16.7	14.0
Residues	4.0	3.78
Loss	0.8	0.67
Water	11.0	- *

25X1 25X1

* [redacted] Comment. [redacted] did not explain in what units these figures are given. The Espenain combine is a part of the SAG "Briquette". Light and heavy oil in the ratio of 2:3 is obtained in the distillation chamber of the combine. Twenty-five percent of phenol is extracted from the heavy oil at the Koppers extraction plant which is a subsidiary of the combine's tar processing factory.

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